

# Work Order ID 71162

Thursday, June 23, 2011 11:10:42 AM



Page 1

Item ID: D3015-7

Accept



Setup Start



Revision ID:

Item Name: Lock Nut

Stop



Start Date: 6/23/2011 Start Qty: 50.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 50.00



Customer:

Reference:

Approvals: Process Plan: CL Date: 11/06/23 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3015	Rev B

100	PURCHASING	0.00							
	Purchasing								
Purchasing	Memo	0.00							
	Issue P/O: <u>14361</u>								
	Description: SS locknut with nylon insert								
	Possible Supplier: Acklands P/N: FLMNO21-005-0000								
	Material release note required								

CL 11/06/23 (50)

110	Receive & Inspect for Damage & Mat'l Certs	0.00							
	Packaging								
Packaging	Memo	0.00							
	Ensure Material Release Note is attached								

Rec'd 6/29 (50)

120	QC6- Inspect dimensions to drawing	0.00							
	QC								
Quality Control	Memo	0.00							

5/11/06/29

cont  
(48)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 71162**

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Item ID: D3015-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Lock Nut

Start Date: 6/23/2011 Start Qty: 50.00



Cust Item ID:

Required Date: 6/30/2011 Req'd Qty: 50.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130  Packaging Packaging	Identify as per dwg & Stock Location: <u>30</u>  Memo	0.00  0.00							
140  QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00  0.00							

11/7/45 / 500

11/7/4

C211/07/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Thursday, June 23, 2011 11:10:40 AM

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Work Order ID: 71162



Parent Item: D3015-7



Parent Item Name: Lock Nut

Start Date: 6/23/2011

Required Date: 6/30/2011

Start Qty: 50.00

Required Qty: 50.00

Comments: IPP: A□01.06.08□New Issue SM  
:B 11.01.06 CHG Supplier p# DD vef:EC

IPP rev

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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PFSLNNM5S1

Purchased

No

100

Each

0.0000

1

50



Lock Nut

Pa 6/29/29 (52)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

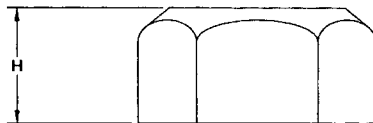
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



**D3015-X LOCKNUT**

PART NUMBER	SIZE	HEIGHT H	POSSIBLE SUPPLIER
D3015-1	1/4-20 UNC	0.31	ACKLANDS, P/N PFSLNNC14S1
D3015-3	5/16-18 UNC	0.34	ACKLANDS, P/N PFSLNNC516S1
D3015-5	7/16-14 UNC	0.46	ACKLANDS, P/N PFSLNNC716S1
D3015-7	M5	0.19	ACKLANDS, P/N FLMN021-005-0000



## NOTES:

- 1) MATERIAL: SS LOCKNUT WITH NYLON INSERT
- 2) FINISH: N/A
- 3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 70162

CZ 11/06/23

**RELEASED**  
09/07/15

C	REFORMAT DWG. - 7 P/N NOW FLMN021-005-0000 WAS LNNM5S1 (ZN B8-1), PAR 09-020	CP	09.07.08
B	ADD D3015-7	KJ	03.07.15
A	NEW ISSUE	DS	01.05.03
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.08		
<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA DRAWING NO. <b>D3015</b> TITLE <b>LOCKNUT</b> REV. C SHEET 1 OF 1 SCALE NTS <small>COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>			



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO14361

Purchase Order Date 6/23/2011

PO Print Date 6/23/2011

Page Number 1 of 1

Order From :

VC-ACK001

ACKLANDS - GRAINGER INC.  
P.O. BOX 2970  
WINNIPEG, MB R3C 4B5  
CA

Contact Name

Buyer

Chantal Lavoie

Vendor Phone

613 632 2739

Requisition Nbr

Vendor Fax

613 632 5386

Tax Resale Nbr

10127-2607

Vendor Account Nbr

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
*Chantal Lavoie*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D2529P	Washer	6/27/2011 Yes	250.00 Each	Yours ppd	\$0.0630	\$15.75
Special Inst:			AS PER DWG D2529 REV. E B71161 PFS FW14S1				
2	PFSLNNM5S1	Lock Nut	6/27/2011 Yes	50.00 Each	Yours ppd	\$0.0800	\$4.00

Special Inst: AS PER DWG D3015 REV. B  
B71162  
ACKLAND P/N: PFSLNNM5S1 OR  
FLMNO21-005-0000

PO Total: \$19.75

**CERTIFICATE OF CONFORMITY**  
**REQ'D UPON DELIVERY**

Change Nbr: 1

Change Date: 6/23/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



ORM 7562-1